

PRESENTATION

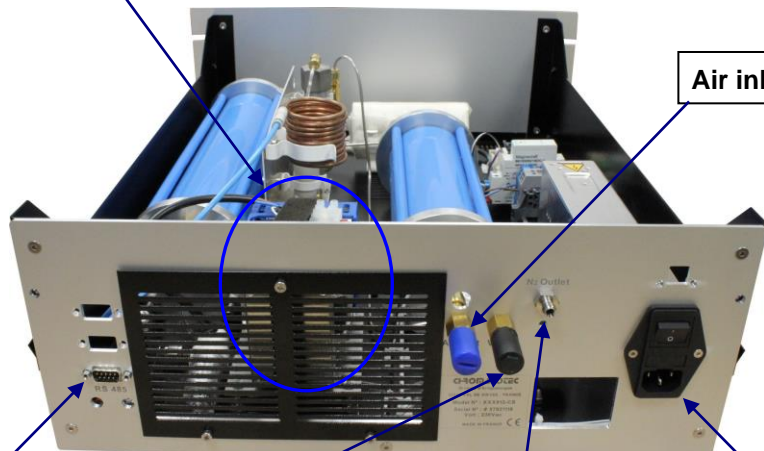
Gas connections of back face:

Compressor attached with a strap

The strap is used to hold the compressor during transport.

! It must be loosened before starting the generator.

Air inlet



N2 pressure connection

This allows to display the reservoir pressure in Vistachrom.

Vent

This is the outlet for the oxygen rich gas and any moisture which is dumped at the end of each cycle. During constant running, this will occur every 3 minutes. A silencer is fixed on this connector.

Nitrogen outlet connection

This should be connected to the analyser with suitable tubing. This is a 1/8" male connector.

Main Voltage Power connector

Connect the IEC cable to this port to supply power to the Nitroxychrom.

INSTALLATION

1) Start

Once you have installed the unit and connected all the couplings, plug in the mains cable to the rear of the **Nitroxychrom** and switch on the power switch. The catalyser inside the instrument heats and the reservoir pressure reaches 72.5 psi/5 Bars (after approximately 10 minutes)

2) Purging

Initially the **Nitroxychrom** have nitrogen stored in the reservoir. As the **Nitroxychrom** starts to add nitrogen to its reservoir, the nitrogen content will begin to increase.

Remove the cover and increase the **internal pressure regulator at 3 Bars**

The outlet on the back face of **Nitroxychrom** should be left open to atmosphere when it is running, to allow the unit to purge itself to the desired outlet purity.

We recommend to purge the generator during 5 hours minimum.

3) Connect the analyser

After the initial purging period, you should connect your analyser to the **Nitroxychrom** permanently. The **outlet pressure** of the generator is **3 bars** (internal pressure regulator).

Connect the "N2 pressure" cable between the Nitroxychrom and the GC, to display the reservoir pressure in the Nitroxychrom viewer.

4) Stop the Nitroxychrom

Remove the cover and decrease the **internal pressure regulator at 0 Bar.**

Close the **Nitroxychrom viewer.**

Shut down the power supply.